



GEMS

(Ground Element MEECN System)



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Agenda

- Background
- Way Ahead
- SCA/JTRS
Compliance



Background

- ASD(C3I) Jun. 17, 2003 Letter
 - JTRS/SCA Compliance Above 2GHZ
- OSD/NII (Mr. Frank Christe) Dec. 19, 2003 Meeting with ESC/ND
 - Waiver?



Way Ahead

- F. Christe..."Compliance Should Not Be A Problem"
 - Requirement
 - EHF = 6/17/03 Policy Letter & SCA Architecture Document (on <http://jtrs.army.mil> Web Site)
 - UHF = SCA/JTRS
 - GEMS Study Phase Good Place For Industry Compliance Opinion
- ESC/ND Will Meet With OSD/NII To Review Study Results



SCA/JTRS Compliance

- UHF LOS-SCA/JTRS Compliant at IOC (mid-FY08)
 - EHF-SCA Compliant at IOC (mid-FY08)
 - AEHF-SCA/JTRS Compliant at FOC (end-FY10)
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Phase I Study-Desired Output

- SCA/JTRS Compliance GEMS System Architecture
- Basis of Cost Proposal for GEMS Phase II, Increment 1 & 2 in Then Year Dollars
 - Especially Interested in Recurring Production
- Basis of Cost for Fixed Site Installation & Removal
- GEMS Integrated Master Plan & Schedule
- Demonstration of Unique Technology Relevant to GEMS



Schedule

- Phase I Design Study in FY04
 - RFP ~Feb. 04; Award~Apr. 04
 - 3 Awards of \$2M Each
 - 4 Month Period of Performance
 - Purpose...Understand Phase II Compliance or Need for Waiver
- Phase II, Increment 1 System Development & Demonstration (SDD) and Production in Early FY06
 - Full and Open Competition Leading to 1 Award
- IOC Increment 1...Mid-FY08
 - Pagers, Klaxons, CDPS (Comm Data Proc Sys), UHF and EHF
- FOC Increment 1 & 2...Late-FY10
 - Above Plus AEHF and VLF/LF
- Option for HF in FY11-12 (if Funded by Navy)
- Industry/ESC One-On-One Meetings 1/5-8/04



GEMS Acquisition Strategy

Multiple Award Two Phase Approach

